

BEALS + THOMAS

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MEMORANDUM

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TO: Undine Kipka, U.S. Environmental Protection Agency – Region 1

FROM: Paula A. Thompson, PE
Matthew Cote, PE

DATE: May 24, 2017

REFERENCE: Updates & Information Request
NorthPoint NPDES Information
Cambridge, Massachusetts
B+T Project No. 2084.45

COPIES Mark Johnson, DW NP Property, LLC
Janis Kearney, MBTA

Pursuant to your email request for drainage information relative to the NorthPoint Site dated April 11, 2017, Beals and Thomas, Inc. (B+T) offers the following information.

There are no wastewater outfalls from NorthPoint property that discharge to either the Millers River or the Charles River.

The NorthPoint Site currently utilizes three (3) stormwater outfalls as depicted on the attached Figure No. 1. They include:

1. Unnamed Tributary, locally known as the Millers River
 - a. Three (3) 48" steel outlet pipes discharge from the oil/water separator to the Millers River
 - b. The oil/water separator was constructed in the 1960's to treat runoff from a railroad maintenance facility but currently only accepts MassDOT/DCR flow from a portion of the Gilmore Bridge, as well as one NorthPoint related catch basin located beneath the Gilmore Bridge. The NorthPoint related catch basin will be rerouted so that it flows to an existing stormwater treatment system on NorthPoint property that is part of the overall NorthPoint stormwater management system. Pending coordination with MassDOT and DCR, DW NP Property, LLC will also reroute the MassDOT/DCR flow to the junction downstream of the oil/water separator. Discharge pipes from the oil/water separator to the Millers River drainage system shall then be capped. It is anticipated that this work can be completed within several weeks.
 - c. Discharge under NPDES Permit MA0003590. DW NP Property, LLC is a co-permittee and does not have primary responsibility for this permit.
 - d. Longitude 42°22'18.80" N, Latitude 71°04'2.30"W

Memorandum

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May 24, 2017

Page 2

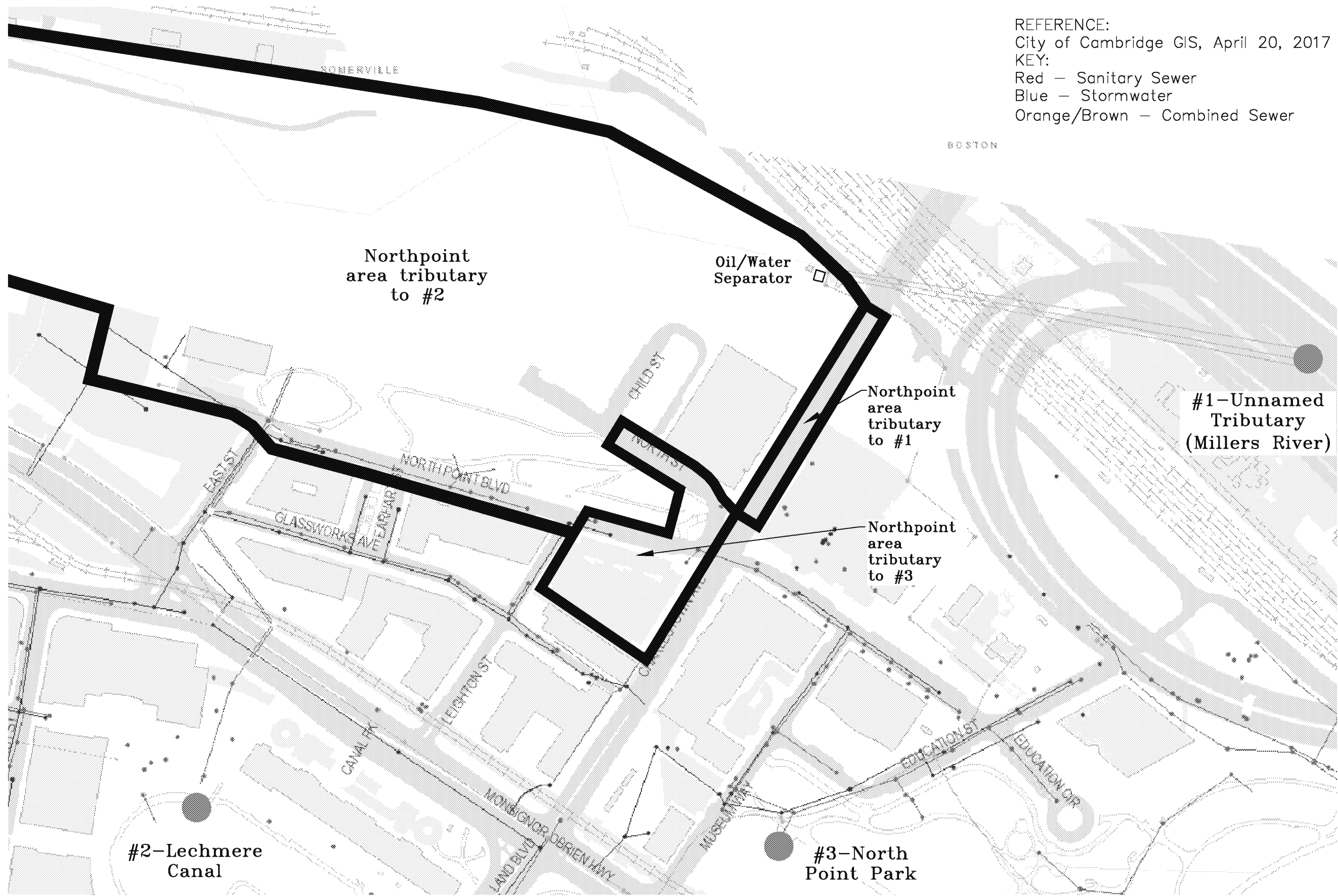
2. Lechmere Canal

- a. 4' x 7' RCP outfall to Lechmere Canal that is tributary to the Charles River.
- b. Covered under the City of Cambridge MS4 Permit, ID #D03OF0005.
- c. Longitude 42°22'09.96" N, Latitude 71°04'33.06"W
- d. Most of the existing and future NorthPoint drainage infrastructure is intended to discharge via this outfall.

3. North Point Park

- a. 12" RCP pipe outfall to Charles River. Currently 2.4± acres of the NorthPoint site contributes stormwater runoff to this outfall. Upon completion of the construction of Parcel U, 1.3± acres will remain tributary to this outfall.
- b. Covered under the City of Cambridge MS4 Permit, ID #D03OF0010.
- c. Longitude 42°22'09.17" N, Latitude 71°04'17.08"W

MC/PAT/rpk/208445MR001c.docx



REFERENCE:
City of Cambridge GIS, April 20, 2017
KEY:
Red — Sanitary Sewer
Blue — Stormwater
Orange/Brown — Combined Sewer

Northpoint Stormwater
Outfall Locations
Figure No. 1

Scale: 1" = 200'

Date: 05/08/2017

Plan No. 208445P337A-001
B+T Project No. 2084.45

NORTHPOINT
Cambridge, Massachusetts

DW NP Property, LLC
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North Arrow

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